

滚子外观缺陷光学自动检测机



滚子外观缺陷光学自动检测机用于滚子外圆 360 度和两端外观缺陷的检测，并对 NG 品进行自动分拣。该设备采用自有专利技术，突破了 360 度检测和检测速度之间的矛盾，做到了 360 度检测的速度为 10000 件 / 小时。同时结合我公司多年的光学缺陷检测领域的经验和技術，在检测的准确性和稳定性方面可以做到领先同行的水平。

Optical Automatic Inspecting Machine for Roller Appearance Defects

Optical Automatic Inspecting Machine for Roller Appearance Defects realizes all-round 360 degree inspections, covering both ends of roller, and automatic sorting of NG products. The device, developed on our company's patented technology, solves the conflict between efficiency and 360 degree inspection, and achieves high efficiency as 10000pcs/hr. With advanced technology and years of experience in optical defects inspection field, our company manage to achieve top level accuracy and stability in China.

技术指标 Technical Specifications

检测项目 Inspection Items			
外圆外观缺陷: 滚动面磨伤、挤伤、垫伤、扫活、漏序、未研等缺陷 Cylindrical surface defect: rolled face galled, crushed, pressed, line scratch, missed procedure, non-grind and so on.		两头端面外观缺陷: 端面磨伤、凸头、过磨、欠磨等缺陷 Both ends surface defect: face galled, upward bulge, excessive polish, lacking polish and so on.	
检测范围 Inspection Range	Ø 5~30mm L 10~50mm (需分档检测) (shifting detection required)	检测要求 Requirements	工件表面干净, 无油污 Clean workpiece, grease free
光学分辨率 Optical Resolution	0.05 毫米 0.05mm	平均无故障时间 Mean Time to Failure	10000小时 10000hrs
检测速度 Efficiency	10000 粒 / 小时 10000pcs/hr	设备电源 Voltage	220 伏, 50 赫兹 220V, 50HZ
功率 Power	2000 瓦 2000W	设备气源 Air Pressure	0.5 ~ 0.8 兆帕 0.5 ~ 0.8MPa
尺寸/重量 Dimension/Weight	1.8米×0.8米×1.5米 / 200千克 1.8m×0.8m×1.5m /200kg	系统工作环境 Work Environment	温度 5℃到 30℃; 湿度小于 70 Ambient Temperature 5℃to30℃; Humidity less than 70
其它特性 Other Characteristics		1、实时显示检测状态及NG品数量报警。 2、设备软件具有远程技术支持功能。 1. Real-time detection status on display, and quantity of NG products warning. 2. Device software supports remote debugging.	



端面磨伤
Face galled



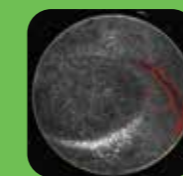
凸头
Upward bulge



过磨
Excessive polish



欠磨
Lacking polish



压伤
Pressure injury



车刀纹
Turning tool line



端面不圆
Uneven ends



中心黑斑
Blackspot in center



锈斑
Rusty spot



滚动面磨伤
Rolled face galled



挤伤
Crushed



垫伤
Crushed



扫活
Line scratch



未研
Non-grind